A technical line drawing of a speaker array. It consists of four speakers arranged in a rectangular grid. The top row contains two speakers, and the bottom row contains two speakers. The leftmost speaker in the bottom row has a small circular cutout on its front face. The rightmost speaker in the bottom row has a small circular cutout on its side. The entire assembly is mounted on a light-colored rectangular base.

**English**

Digital Movie 50

# Welcome to the world of pure music

*We are delighted that you have chosen a Canton loudspeaker. Our products combine high quality components with many years of development experience and meticulous production methods. In order to get the best out of your loudspeaker you need to observe a few points, as detailed in the Operating Instructions.*

*We hope you enjoy listening to pure music!*

## Contents

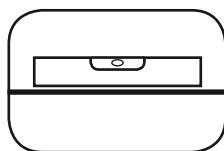
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The user is responsible for ensuring that the loudspeaker is correctly positioned and connected. Canton cannot accept any responsibility for damages or accidents caused by inappropriate positioning or connection.

# Safety advice

Please follow the safety advice when positioning and maintaining your DM System.



Choose a level surface



Avoid moisture



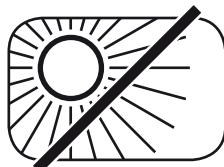
Avoid vibrations



Never touch the power cable with wet hands



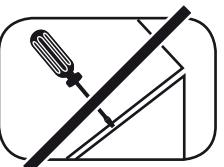
Do not discard in household rubbish



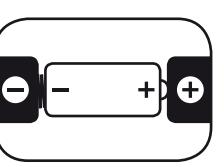
Avoid direct sunlight



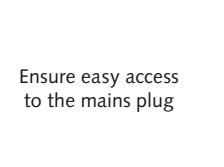
Protect against extreme cold



Do not open housing



Ensure correct polarity for battery and remote operation



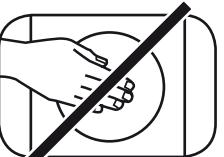
In case of overload turn the volume down



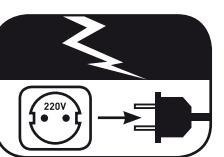
Keep away from heat sources



Do not use aggressive, alcohol-based or abrasive cleaning agents



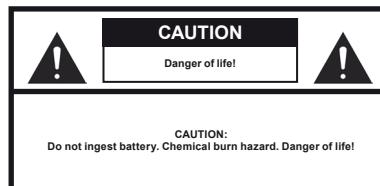
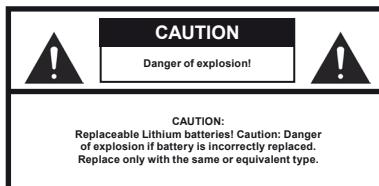
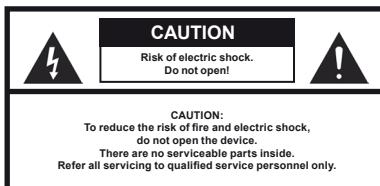
Do not reach inside the speaker



Unplug the device during thunderstorms

# Important Safety Instructions

## Notices



Read and follow all instructions.

Keep these instructions.

Heed all warnings.

Use this apparatus only in moderate climates (not in tropical climates).

Indoor use only. Do not use outdoors or in humid rooms.

To reduce the risk of fire and electric shock, do not expose this apparatus to rain or moisture.

Do not use this apparatus near water.

The apparatus shall not be exposed to dripping or splashing.

Strong fluctuations in temperature lead to condensation (water droplets) forming inside the apparatus. Wait until the moisture has evaporated before starting up the apparatus (min. 3 hours).

Objects filled with liquids (such as vases) shall not be placed on the apparatus.

No naked flame source, such as lighted candles, should be placed on or beside the apparatus.

---

Do not install the apparatus near any heat sources such as radiators, heat registers, stoves, or other apparatus (incl. amplifiers) that produce heat.

---

Prevent exposure to direct sunlight.

---

Observe a free space of at least 5cm around the apparatus.

---

Do never defeat the safety purpose of a polarized or ground plug: A polarized plug has two blades with one wider than the other. The wide blade is provided for your safety. When the provided plug doesn't fit into your outlet, consult an electrician for replacement of the obsolete outlet.

---

To prevent electric shock, do not use the plug with an extension cord, receptacle, or other outlet unless the blades can be fully inserted to prevent blade exposure.

---

Never touch signal- and power cords with wet hands.

---

Protect the power cord from being walked on or pinched particularly at plug, convenience receptacles, and the point where they exit from the apparatus.

---

Where the mains plug or an appliance coupler is used as the disconnect device, the mains plug of the power cord or appliance coupler shall be remain readily operable.

---

Unplug this apparatus during lightning storms or when unused for long periods of time.

---

To completely disconnect this apparatus from the mains, disconnect the supply cord plug from the receptacle.

---

Power down the apparatus before connecting or disconnecting any cable.

---

Always pull the plugs and not the cables.

---

Install this apparatus in accordance with the manufacturer's instructions.

---

Always choose a level surface. The apparatus has to be in perfect vertical alignment.

---

# Important Safety Instructions

## Notices

Do not use force on operating elements, connections and cables.

The apparatus may only be operated with the voltage and frequency specified on the apparatus or the name plate.

Do not insert any objects or body parts into the apparatus openings. Live components inside the enclosure could get touched and / or damaged. This could lead to short circuiting, electric shock and fire.

Only use attachments and accessories specified by the manufacturer and / or provided with the apparatus.

Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.  
When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



Clean the apparatus only with a clean, dry cloth.

Do not use aggressive, alcohol-based or abrasive cleaning agents.

To reduce the risk of electric shock, do not open the housing! There are no serviceable parts inside.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Do not make any modification to the apparatus or the accessory. Unauthorized alterations may affect the safety, regulatory compliance, or the system performance. In this case, the operating licence/warranty can expire.

Turn down the volume level immediately if sound distortions, such as unnatural knocking, beating or high-frequency clicking can be heard.

To prevent possible hearing damage, do not listen at high volume levels for long periods.



---

Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

---

The remote control supplied with this product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death!

---

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

---

Batteries must be inserted correctly, as shown on the polarity imprint. Incorrectly replaced batteries might cause damage.

---

Please keep the environmental aspects of battery disposal in mind. Batteries must be disposed of at a battery collection point.

---

Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

---

Only use batteries or rechargeable batteries specified for this apparatus.

---

The batteries supplied are not rechargeable batteries and may therefore not be recharged.

---

The apparatus and/or the accessory bag may contain small parts that may be a choking hazard. Therefore not suitable for children under age 3.



---

This symbol is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute risk of fire and electric shock.



---

This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying this product.



---

This symbol denotes equipment with Class II Protection Rating. These devices are deemed to be fully protected against the risk of electric shock during normal use by means of double or reinforced insulation, and therefore require no earth conductor.



# Unpacking

Unpack the box carefully and check that all the following parts are present:

- 1x Canton Soundbar DM 50
- 1x Remote control inc. battery
- 1x Mains cable
- 1x optical digital audio cable
- 1x stereo RCA cable
- 1x digital RCA cable

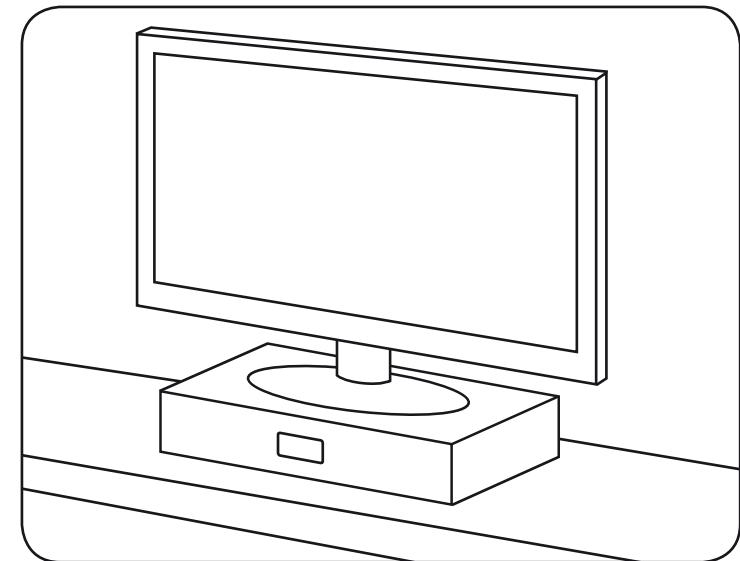
# Installation

The Canton Digital Movie should be positioned underneath the screen on a flat surface. Capacity up to 40 kg.

# Breaking in

**Maximum sound quality requires a breaking-in time of 15–20 operating hours.**

- During this time operate the loudspeaker at normal volume
- Avoid high noise levels
- Listen to a variety of music



# Setting up the remote control

Place the battery supplied in the remote control. Be careful to ensure that it is correctly inserted according to the polarity markings (+/−). You should only use the battery specified for this system (CR 2032).

## Note

The batteries provided are designed for test use and may therefore have a shorter lifespan.

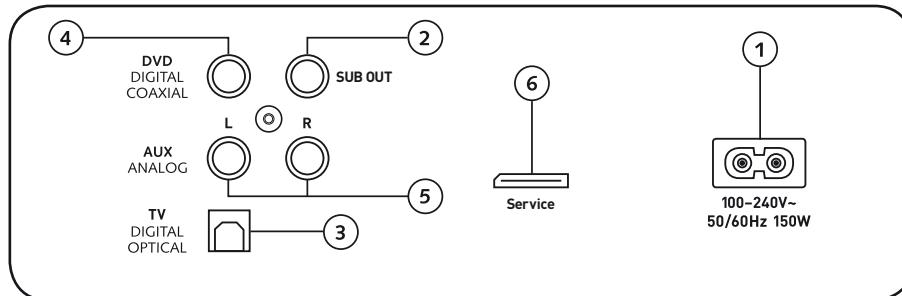


Remote control



CR 2032

# Connection Terminal



DM 50

# Connections DM

- 1** Power Inlet
- 2** Output – Ext. Subwoofer
- 3** Input – TV (optical)
- 4** Input – DVD (coaxial)
- 5** Input – AUX (analogue)
- 6** Jack service (Canton)

# Connection

Please ensure that all electrical components are switched off before connecting. Your Digital Movie System has three optional inputs. In principle it is enough to connect one of these inputs to your TV and all further devices to your TV. To achieve the best possible sound we recommend that you connect your satellite receiver, Blu-Ray or DVD player directly to the DM System. The following options are possible, depending on the type and fittings of the source used:

## TV – Digital input (optical)

Modern TV devices have an optical audio output (Toslink). Connect this with the input marked "TV" on the DM System. This connection guarantees optimal signal transmission and best sound quality.

## DVD – Digital input (coaxial)

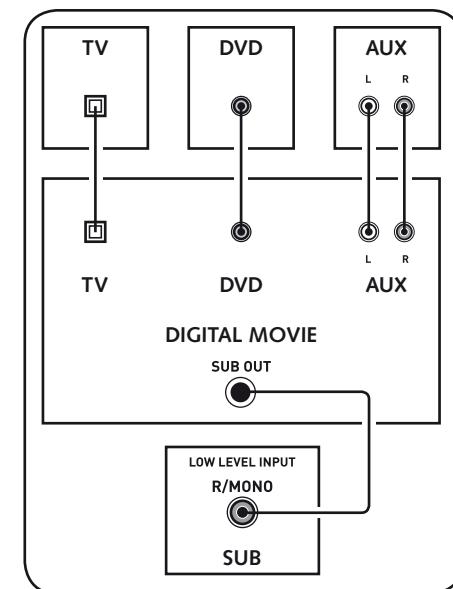
To transmit the DVD sound signal connect the digital coaxial output of your Blu-Ray or DVD player with the jack marked "DVD" on the DM System. To transmit the picture signal your DVD player must also be connected to the TV. The input marked "DVD" on the DM System can be selected if your TV does not have an optical output.

## AUX – Analogue input

If your TV only has an audio output marked "Pre-Out" then connect it using the shielded stereo RCA cable plugged into the analogue input on the DM System marked "AUX". Otherwise this input can be used to connect video recorders or game consoles.

## SUB – Analogue output

Use this output when you want to connect an external active subwoofer. SUB OUT is not active in the basic setting and needs to be activated using the remote control. See page 34 Extended functions.



# Operation

## 1 Power

- On – LED shines green
- Standby – LED shines red

## 2 Mute

## 3 Input

## 4 Volume

## 5 Play Mode

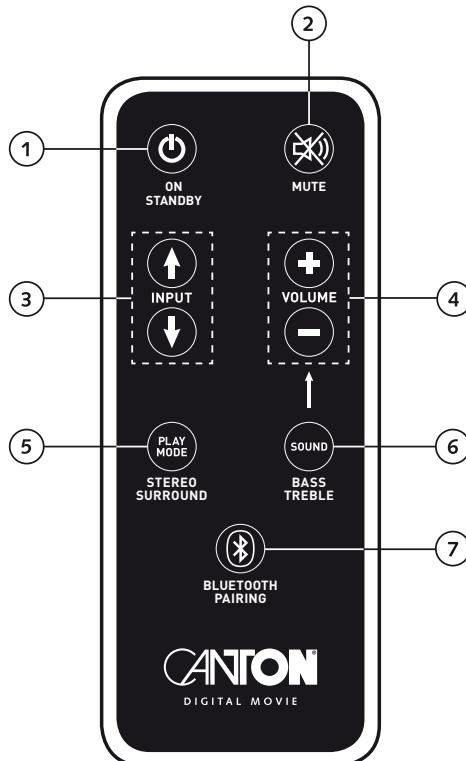
- Stereo – for music
- Surround – virtual surround sound for home cinema

## 6 Sound

- Bass – Adjustment via Volume control (+6... -6 dB)
- Treble – Adjustment via Volume control (+6... -6 dB)

## 7 Bluetooth Pairing

Connection with a Bluetooth-enabled source



Remote control

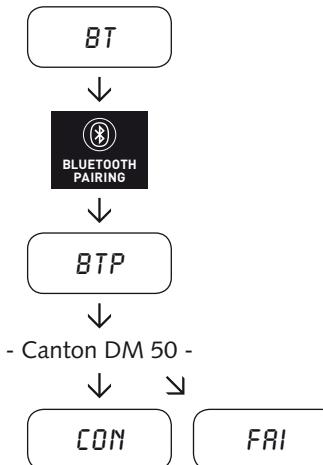
# Playback via Bluetooth

## Registration requirements

- Bluetooth must be activated on the mobile end device
- The mobile end device must support Bluetooth 2.0 at least
- The mobile end device must be within range of the DM System (max. 10 m)

## Registration process

- Select **BT** input
- Press the "Bluetooth-Pairing" button
- **BTP** appears on the display
- You now have 30 seconds to register your mobile end device
- Start the search run on your mobile end device
- Select "DM 50" as the playback device
- Once confirmed, the connection will be made automatically and will appear as **CON** in the display
- If the connection fails the message **FRI** will appear
- If the mobile device requires an access code enter 0000



## Operating a mobile end device

- The device most recently connected to the DM System connects automatically when Bluetooth is activated and the input for Bluetooth playback has been selected. In this case the message **CON** will appear.
- Start the playback of a medium on your mobile end device and the sound will automatically be generated by the DM System.

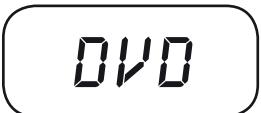
# Display indications

The DM System has a multifunctional display that lights up blue for approx. 5 seconds in response to a remote control command. The possible readouts and their meanings are shown below. The standby mode of the DM System is indicated by a red LED light. When your DM System is in operation this LED is green.

## Input



TV Input (optical)



DVD Input (coaxial)



AUX input (analogue)



Bluetooth

## Soundmode



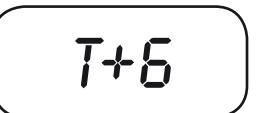
Volume (0–99)



Mute



Bass level (+/-6)



Treble level (+/-6)

## Playmode



Stereo



Surround

## Bluetooth



Pairing Mode



Connection established



Disconnected



Error message

# Extended functions

The menu for extended sound functions offers you the chance to correct out-of-synch playback, to activate the output for an external subwoofer and to adjust the playback to suit the selected location.

If you press and hold the key marked "Sound" on the remote control for longer than 3 seconds you will enter the "Extended functions" menu and the display **LIP** will appear on the Soundbar.

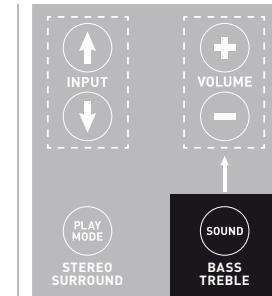
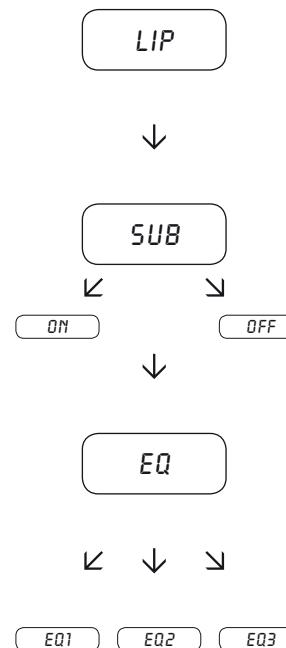
You can now use the Volume +/- keys to delay the playback in 10 ms steps.

Press the "Sound" key briefly once more and the display **SUB** will appear

The Volume +/- keys can also be used to switch the output for an external subwoofer on or off. Please note: when the Sub-Out is activated the playback of the Soundbar will be filtered at 80 Hz.

Press the "Sound" key again briefly one more time and the display **EQ** will appear

Now use the Volume +/- keys to choose between three pre-set equalizer settings to adjust the playback to suit the location.



**EQ-1** for a free-standing DM 50 e.g. on a sideboard with a flat-screen TV on the wall (factory setting).

**EQ-2** for a set-up where a flat-screen TV is positioned on top of the DM 50.

**EQ-3** for a set-up where the DM 50 is in a rack or on a shelf.

## Exit menu

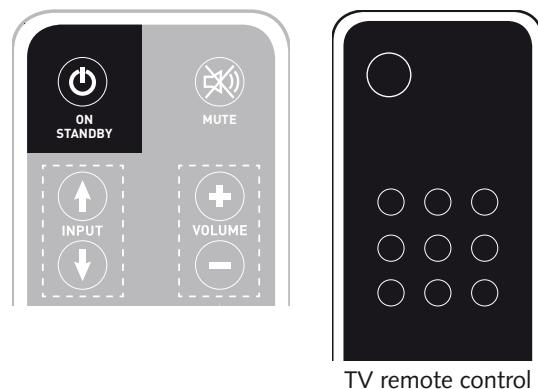
Press and hold the "Sound" key again for longer than 3 seconds to exit the "Extended functions" menu.

If the Soundbar does not receive any input instruction from the remote control within a period of 30 seconds the menu navigation returns automatically to normal mode.

# IR learning function

The DM 50 can learn the infrared code of your TV remote control and therefore allows you to control the functions of the Soundbar and TV device via your remote control. You can allocate the instructions for the Soundbar to any key of the TV remote control. When choosing a key make sure that the instructions for the Soundbar do not conflict with the TV device. We recommend that you deactivate the internal loudspeaker of the TV device once the Soundbar is connected.

- 1** Hold the TV remote control in position
- 2** Switch the Soundbar on
- 3** Press and hold the "On/Standby" key of the Soundbar remote control for approx. 5 seconds
- 4** The display shows a flashing **IRL**
- 5** Press the chosen function on the Canton remote control e.g. "Volume +"
- 6** Now the display shows a flashing **V+**
- 7** Within 20 seconds press the key you wish to allocate to this function on the TV remote control
- 8** Once this has been successfully allocated the display will show **OK** and you can continue with the programming of the next key function, e.g. "Volume -"
- 9** If the display shows **FRI** this means the allocation has failed and you should repeat steps 4 to 8



TV remote control

## Exit menu

Press and hold the "On/Standby" key again for longer than 5 seconds to exit the "IR learning function" menu.

If the Soundbar does not receive any input instructions from the remote control within a period of 60 seconds the menu navigation returns to normal mode automatically.

# Troubleshooting

Here is an overview of the most common problems. If you have any further questions please contact your Canton dealer, call our Service Hotline on +49 (0) 60 83 28 70 or send us an e-mail at [info@canton.de](mailto:info@canton.de).

Problem	Possible cause	Solution
DM System does not turn on.	Power cable not connected to the power outlet and/or DM System	Check connection.
Sound reproduction too soft.	Volume of DM System set too low.	Increase the volume using the "Volume" button. Increase the volume of the source device.
DM System does not respond to remote control.	The battery is empty.	Replace battery, observe correct polarity at insertion.
No sound reproduction.	1. Sound format of the source device wrongly selected (Digital input "TV" and "DVD") 2. Source device not producing any signal. 3. Cable not correctly connected / faulty cable.	1. Please check the correct setting of your source device (see Page 6). "DTS" or "Dolby Digital" coded output formats cannot be reproduced. 2. Digital output on the source device not activated (please refer to device instructions). 3. Check the connection of the source device to the DM System and change the cable where necessary.

Problem	Possible cause	Solution
DM System hums.	<ol style="list-style-type: none"><li>1. Signal lines from source device to DM System too long.</li><li>2. Signal line used is not fault-protected or the protection has been damaged (defective).</li><li>3. Ground loop (ripple pickup) generated.</li><li>4. Another piece of equipment on the same circuit has no interference suppression (e.g. fridge).</li></ol>	<ol style="list-style-type: none"><li>1. Use shorter signal line.</li><li>2. Change signal line for a fault-protected line.</li><li>3. A ground loop can be generated when two or more devices connected via a signal line (cinch) are plugged into separate sockets (e.g. amplifier and computer). Plug all devices connected to the DM System into a multiple socket output using safety plugs.</li><li>4. Switch off possible sources of interference to test; unplug the device concerned to see if the humming noise disappears or connect the source of interference to a different circuit (L1, L2 or L3). (Where necessary take advice from your electrician.) Insert a special "ferrite common mode filter" (available from specialist retailers) between the amplifier and the DM System to eliminate the humming. Turn the power plug round to reduce the so-called ripple voltage (particularly important if the source device is not earthed).</li></ol>

Problem	Possible cause	Solution
No playback via Bluetooth.	<ol style="list-style-type: none"><li>1. There is no connection between the DM System and the mobile end device.</li><li>2. The mobile end device is paired but no playback takes place.</li></ol>	<ol style="list-style-type: none"><li>1. Connect your mobile end device as described.</li><li>2.1. The mobile end device must be connected again.</li><li>2.2. You are out of range.</li><li>2.3. Set the volume on the mobile end device to maximum.</li><li>2.4. Increase the volume of the DM System.</li><li>2.5. Ensure that interference sources like a WLAN router or laptop are not set up in direct proximity of the DM System.</li><li>2.6. Concurrent operation of WLAN and Bluetooth from a mobile end device is not possible without interferences in most cases. (Disable WLAN at your mobile device.)</li></ol>

# EU – Declaration of Conformity

CE marking

We, Manufacturer / Importer

Canton Elektronik GmbH & Co. KG · Neugasse 21–23 · 61276 Weilrod / Niederlauken · Germany



confirm and declare under our sole responsibility that the product  
**DM 50**

(Virtual-Surroundsound System with 3 Signal Inputs, one Output, and Bluetooth® functionality,  
internal Universal Mains Power Supply and Infrared Remote Control)

is in conformity with the directives of the European Parliament and of the Council

Directive 1999/5/EC (Radio and Telecommunications Terminal Equipment)

Directive 2006/95/EC (Low Voltage Directive)

Directive 2011/65/EU (Restriction of the use of certain Hazardous Substances)

Directive 2002/96/EC (Waste of Electric and Electronic Equipment)

Directive 2009/125/EC (Ecodesign requirements for Energy-related Products)

Operation is permitted within all countries of the European Union.

A complete Declaration of Conformity is placed at: [www.canton.de/en/doc.htm](http://www.canton.de/en/doc.htm)

Authorized Signature: .....

Date: April 03<sup>rd</sup> 2013

Name: Günther Seitz

Function: CEO

# Further Information

## Information for "normal use"

All Digital Movie Systems are designed for indoor use and must not be used outdoors or in wet conditions. The devices must not be modified or altered in any way. Connect the Digital Movie System up as described in the instructions and pay attention to the warning notices. Only operate the device with the mains voltage and frequency specified on the rating plate.

## Information about environmentally friendly operation

### (Use the stand-by function to minimise electricity usage and operating costs)

To reduce the electricity usage of the device when not in use press the "On/Standby"  button. This saves electricity.

For a complete **Declaration of Conformity** please refer to:

<http://www.canton.de/en/doc.htm>



All electrical and electronic equipment sold in the European Union must carry a CE mark to show that the device in question complies with the legal requirements (e.g. electromagnetic compatibility or safety requirements).



In line with the regulations governing the disposal of old electrical and electronic equipment, all devices that carry this symbol should not be disposed of in general household waste. Please contact your local recycling centre or the local authorities to find out about free disposal where applicable. This serves to protect the environment and public health as well as saving (scarce) resources through recycling.

**DEU GARANTIE**

Über die gesetzlich vorgeschriebene Gewährleistung hinaus übernimmt Canton für alle Passivlautsprecher eine Garantie von 5 Jahren. Für die DM Systeme und teilaktiven Boxen werden 2 Jahre Garantie gewährt. Die Garantiezeit beginnt mit dem Kauf und gilt nur für den Erstkäufer. Ein Garantieanspruch besteht nur bei Verwendung der Originalverpackung. Ausgeschlossen sind Transportschäden und Schäden, die durch unsachgemäßen Gebrauch verursacht wurden. Der Anspruch verlängert sich nicht durch den Austausch von Bauteilen innerhalb der Garantiezeit. Dies gilt für alle Lautsprecher, die bei einem autorisierten Canton Fachhändler gekauft wurden. Wenden Sie sich im Schadensfall bitte an ihn oder direkt an den Canton Service.

**ENG GUARANTEE**

Above and beyond the legally prescribed warranty period Canton offers a guarantee of 5 years on all its passive loudspeakers. A 2-year guarantee is offered for DM Systems and partially active boxes. The guarantee period begins at the time of purchase and only applies to the purchaser. Guarantee claims will only be accepted if accompanied by the original packaging. The guarantee does not cover damages incurred in transit or damages caused by improper use. The guarantee is not extended if parts are exchanged within the period covered by the guarantee. This applies to all loudspeakers purchased from an authorised Canton dealer. In the event of damage please contact your dealer or the Canton Service department direct.





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